

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HANSEN et al.

Serial No: 10/550,094

Filed: September 21, 2005



Group Art No. TBA

Examiner: TBA

Docket No. 006559.00009

For: *LIST OUTPUT VITERBI DECODER  
WITH BLOCKWISE ACS AND TRACEBACK*

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents  
U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Submitted herewith is Form PTO-1449 listing documents cited earlier in an Information Disclosure Statement filed with the above-identified application. Copies of the identified references listed therein are now enclosed. It is respectfully requested that the Examiner make his/her consideration of each of these documents formally of record.

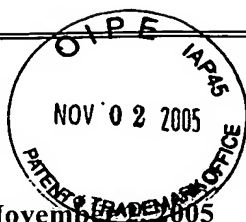
Since this Supplemental Information Disclosure Statement is being filed within 3 months of the filing date of this application and before issuance of a first Office Action on the merits under 37 C.F.R. 1.97(b), it is submitted that no fee or certification is required. However, if a fee is required, please charge our deposit account no. 19-0733.

Respectfully submitted,

Date: Nov. 2, 2005By: 

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Attorney Docket No.  
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TBA

Applicant(s): HANSEN et al

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Date of this IDS: November 2, 2005

### U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
	GB 2 305 827 A	16 April 1997	Great Britain				

### OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	CZAJA et al.: "Variable data rate Viterbi decoder with modified LOVA algorithm", TENCON '95, PROCEEDINGS OF THE IEEE REGION 10 INTERNATIONAL CONFERENCE ON MICROELECTRONICS AND VLSI, Hong Kong, November 6-10, 1995, pages 472-475. XP010160164.
	BOUTILLON et al.: "VLSI architectures for the MAP Algorithm", IEEE TRANSACTIONS ON COMMUNICATIONS, vol. 51, no. 2, February 2003, pages 175-185, XP001164390.
	FETTWEIS et al.: "Feedforward Architectures for Parallel Viterbi Decoding", JOURNAL OF VLSI SIGNAL PROCESSING SYSTEMS FOR SIGNAL, IMAGE, AND VIDEO TECHNOLOGY, Vol. 3, Nos. 1 / 2, June 1, 1991, pages 105-119, XP00228897.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.